

Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A single USB ~~route-hub~~ interface comprising:
a USB host port coupled to a first bus to provide a connection to a first network; and
a USB peripheral port coupled to a second bus to provide a connection to a second network wherein the USB peripheral port and the USB host port are both active at the same time ~~coupled to the same processing system~~, wherein the USB host port and the USB peripheral port are defined using predetermined signals.
2. (Canceled)
3. (Previously presented) The interface of claim 1 wherein two connected devices utilizing the single USB interface can have a peer-to-peer connection via the host port and peripheral port.
4. (Previously Presented) The interface of claim 1 wherein two connected devices utilizing the single USB interface can have a one-to-many relationship via either the host port and/or the peripheral port.
5. (Currently Amended) The interface of claim 1 wherein a device only needs one physical I/O port to communicate via the single USB interface.
6. (Original) The interface of claim 1 wherein the predetermined signals comprise host differential data lines and peripheral differential data lines.
7. (Currently Amended) A USB network comprising:
a first device; the first device including a single USB ~~route-hub~~ interface, the USB interface including a USB host port coupled to a first bus to provide a connection to a first network of the first host computer; and a USB peripheral port coupled to a second bus to provide a connection to a second network, wherein the USB host port and the USB peripheral port are

defined using predetermined signals; and

a second device for communicating with the first device, the second device using the predetermined signals, wherein the USB peripheral port and the USB host port are both active at the same time ~~coupled to the same processing system.~~

8. (Original) The USB network of claim 7 wherein the predetermined signals are within a standard.

9. (Original) The USB network of claim 8 wherein the standard comprises the universal serial bus (USB) standard.

10. (Original) The USB network of claim 9 wherein the first and second devices can be any of a camera, computer, personal digital assistant, laptop device, handheld device, printer, and cellular telephone.

11. (Original) The USB network of claim 7 wherein the predetermined signals comprise host differential data lines and peripheral differential data lines.

12. (Currently Amended) A device comprising:
a processor; and
a single USB interface, the interface comprising a USB host port coupled to a first bus to provide a connection to a first network; and
a USB peripheral port coupled to a second bus to provide a connection to a second network wherein the USB host port and the USB peripheral port are defined using predetermined signals and wherein the USB peripheral port and the USB host port are both active at the same time ~~coupled to the same processing system.~~

13. (Previously presented) The device of claim 12 wherein the single USB ~~route-hub~~ interface requires a connection to only one physical I/O port if the device is coupled to a device with a connector that includes a USB host port and a USB peripheral port which are defined using the predetermined signals.

14. (Original) The device of claim 12 wherein the predetermined signals comprise host differential data lines and peripheral differential data lines.